

AMENDMENT TO THE CLAIMS

1-38. **(Canceled)**

39. **(Currently Amended)** An integrally-formed immediate provisional dental implant elongated along an implant axis, comprising:

an abutment adapted to bond with a dental prosthesis;

a flexible bendable neck segment connected to the abutment;

a body segment connected to the flexible neck segment, the body segment having threads extending helically about the implant axis, the thread diameter tapering non-linearly from a maximum adjacent the neck segment to a minimum at a distal end; and

a torque engagement segment positioned below the flexible neck segment and above the body segment, said torque segment configured to engage a torque-imparting tool, said torque segment comprising at least one flat surface on an outer surface of the torque segment;

wherein the abutment, bendable neck segment, body segment and torque engagement segment form a monolithic structure and the bendable neck segment is sufficiently bendable such that while the body segment is positioned within a patient's jawbone the bendable neck segment can be bent to adjust the angle of the abutment.

40. **(Previously Presented)** The immediate provisional dental implant of Claim 39, wherein the threaded body segment comprises an upper flared section proximal to the neck segment, an intermediate section and a tapered lower section distal from the neck segment, the lower section having a smaller angle of taper as compared to the upper section.

41. **(Original)** The immediate provisional dental implant of Claim 40, wherein threads of the upper flared section define a taper angle between about 6° and 14°.

42. **(Original)** The immediate provisional dental implant of Claim 40, wherein thread of the tapered lower section define a taper angle between about 3° and 7°.

43. **(Original)** The immediate provisional dental implant of Claim 40, wherein the neck segment is more narrow than both of the upper flared section of the body segment and the abutment.

44. **(Previously Presented)** The immediate provisional dental implant of Claim 40, wherein threads of the intermediate section have a constant diameter.

45. **(Original)** The immediate provisional dental implant of Claim 39, wherein the thread diameter is within the range of about 1.0 mm and 3.5 mm.

46. **(Previously Presented)** The immediate provisional dental implant of Claim 39, wherein the thread diameter is within the range of about 1.0 mm and 3.0mm.

47. **(Original)** The immediate provisional dental implant of Claim 39, wherein the body segment is at least about 12 mm in length.

48. **(Previously Presented)** The immediate provisional dental implant of Claim 39, wherein a length of the body segment is approximately equal to the thickness of the cortical layer of the bone in which the implant is to be emplaced.

49. **(Original)** The immediate provisional dental implant of Claim 39, wherein the neck segment and abutment form an extension from the body segment with a length of greater than about 3 mm.

50. **(Original)** The immediate provisional dental implant of Claim 49, wherein the neck segment and abutment form an extension from the body segment with a length of greater than about 5 mm.

51. **(Original)** The immediate provisional dental implant of Claim 39, having a total length along the implant axis of greater than 17 mm.

52. **(Original)** The immediate provisional dental implant of Claim 51, having a total length along the implant axis of greater than 20 mm.

53. **(Original)** The immediate provisional dental implant of Claim 39, having a thread depth tapering from a maximum thread depth adjacent the neck segment to a minimum thread depth adjacent the distal end.

54. **(Original)** The immediate provisional dental implant of Claim 53, wherein the maximum thread depth is between about 0.5 mm and 0.7 mm.

55. **(Original)** The immediate provisional dental implant of Claim 53, wherein a thread pitch of the body segment is in the range 0.8 mm to 1.8 mm.

56. **(Original)** The immediate provisional dental implant of Claim 39, comprising a plurality of flat facets on the outer surface of the neck segment.

57. **(Previously Presented)** The immediate provisional dental implant of Claim 39, consisting a material selected from the group consisting of titanium and alloys of titanium.

58-61. **(Canceled)**

62. **(Previously Presented)** The immediate provisional dental implant of Claim 39, wherein said torque engagement segment further comprises a plurality of flat surfaces configured to engage a wrench.

63-69. **(Canceled)**